COURSE DETAIL

MARINE ECOLOGY
Country Netherlands
Host Institution Wageningen University and Research Center
Program(s) Wageningen University
UCEAP Course Level Lower Division
UCEAP Subject Area(s) Biological Sciences
UCEAP Course Number 11
UCEAP Course Suffix
UCEAP Official Title MARINE ECOLOGY
UCEAP Transcript Title MARINE ECOLOGY
UCEAP Quarter Units 2.50
UCEAP Semester Units 1.70

Course Description

This course introduces the functioning of marine and estuarine ecosystems. The structure is centered around marine processes, systems, and impacts. The course introduces marine and estuarine ecology through lectures, a field practicum, and a day trip to a tropical marine ecosystem. Lectures cover a wide range of topics and ecosystems including the most recent scientific insights and hot topics in marine ecology. During the lectures, important physical, chemical, and biological processes of the marine and estuarine environment are explained. The processes and ecological principles are illustrated more in-depth using examples from various estuarine and marine ecosystems. The influence of global change and other human impacts on coastal and marine areas, such as eutrophication, chemical pollution, and plastics, are also discussed. Lectures include guest lecturers from scientific institutes (NIOZ, Utrecht University, Wageningen Marine Research), the Zoo (Burgers Zoo), and PhD students to introduce students to current issues and trending topics in the field of marine ecology. The lectures are complemented by a field practical to gain experience with marine ecology research methods. Students also go on an excursion to the coral reef and mangrove display of Burgers Zoo, during which students get acquainted with the complex interactions in tropical ecosystems.

Language(s) of Instruction
English

Host Institution Course Number
AEW10303

Host Institution Course Title
MARINE ECOLOGY

Host Institution Course Details
https://wur.osiris-student.nl/#/onderwijscatalogus/extern/cursus

Host Institution Campus
Wageningen University

Host Institution Faculty
Host Institution Degree
Host Institution Department Aquatic Ecology and Water Quality Management
Course Last Reviewed 2023-2024

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